



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141043

Mode: Highway

Status: Submitted

NC-181

From/Cross Street: SR 1370 (Avery County High School Road)

Specific Improvement Type: 10 - Improve Intersection

To:

Project Category: Regional Impact

Length: 0.5

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$775,000

Description:

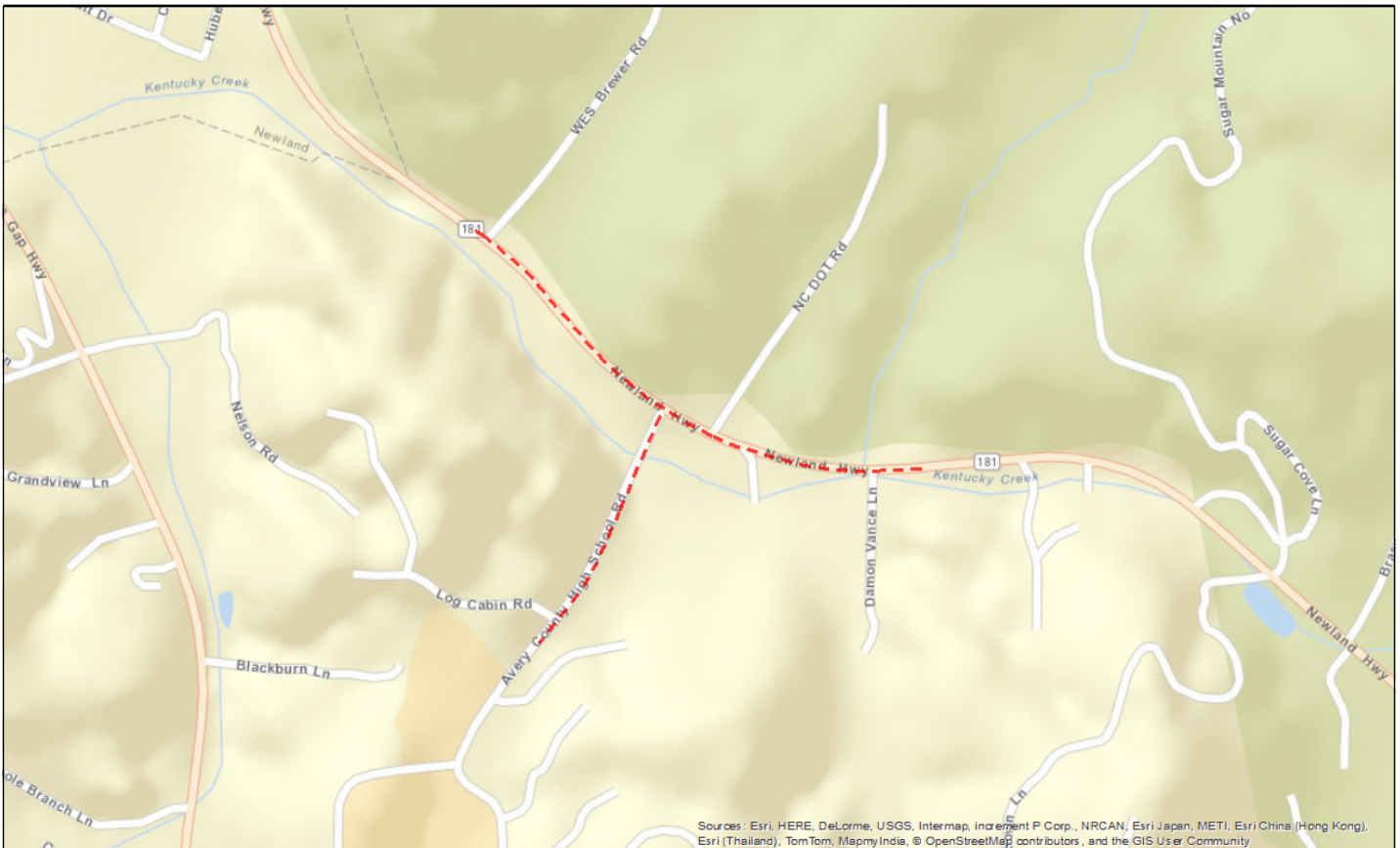
Construct roundabout at the intersection of NC 181 and SR 1370 (Avery County High School Road).

Division(s): Division 11

County(s): AVERY

MPOS(s)/RPO(s): High Country RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 24.83

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 25.36	Percent: 15%	Percent: 15%
Safety (10%) 16.65	Points: 0	Points: 100
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 18.27		
Totals: Weight: 70% Weighted Score: 9.83		

Division Needs Total Score: 6.74

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 25.36	Percent: 25%	Percent: 25%
Safety (10%) 16.65	Points: 0	Points: 0
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 50% Weighted Score: 6.74		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	0.5
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Mountainous
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	12401.21
Capacity:	36474.34
Volume/Capacity Ratio:	0.34
% Autos:	95%
% Trucks:	5%
Truck Volume:	579.97
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	33.3
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	69
Actual Congested Speed:	0
Travel Time Index:	

Project Benefits

Project Cross-Section:	
Speed Limit:	55
Length (miles):	0.5
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
TerrainType:	Mountainous
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 11

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 11	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
High Country RPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$625,000	Cost Estimation Tool
Right-of-Way Cost:	\$150,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$775,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$775,000	